



Clean Water Technology
Te Mana o te Wai

2021-2024

3D Biomaterials for Clean Water Technologies

We are a cross-disciplinary, nationwide team of researchers and Iwi partners focussed on novel wastewater treatment media.

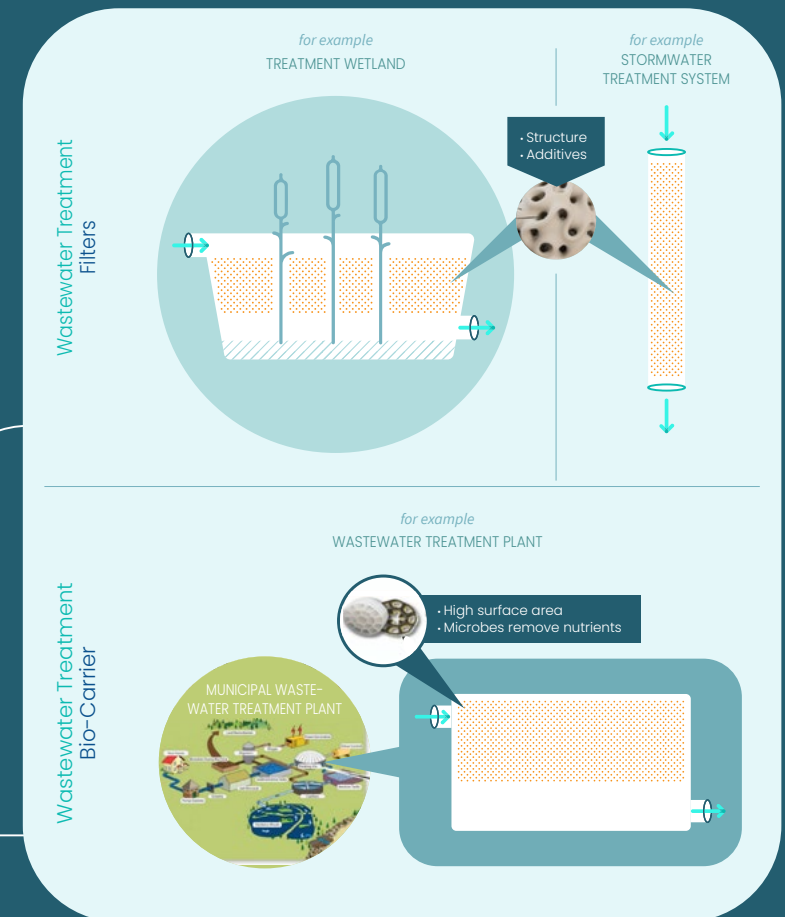
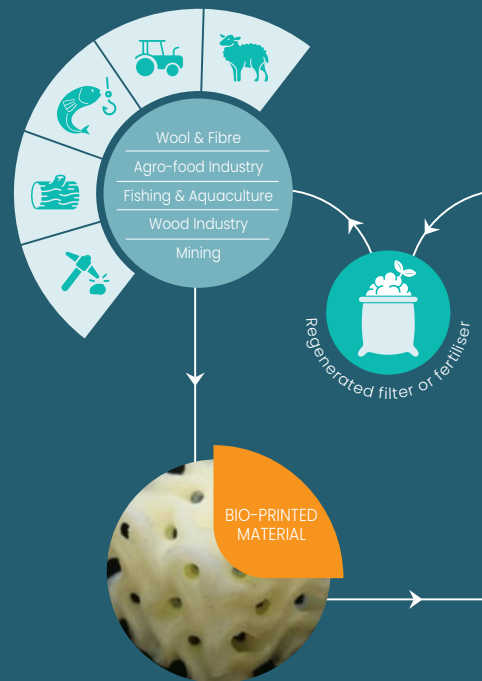
www.sftichallenge.govt.nz/news/ko-te-wai-ko-te-ora-tackling-fresh-water-pollution/



Why it Matters

1. Clean water is an intergenerational necessity.
2. Freshwater reforms (including Te Mana o Te Wai) require new solutions to reverse water pollution.
3. Most wastewater treatment products are limited by their filters.
4. Using biowastes to create high value treatment filters is sustainable and attainable.

How it Works



Research Team

For more detail on the SfTI Clean Water Technology Team:

www.canterbury.ac.nz/engineering/schools/cnre/research/osullivan/current-team/

To find out more and how to get involved:

www.celts.org.nz

LEAD / LCA



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PROGRAMME MANAGER



Dr Stuart Lansley (uc)

CHEMICAL FUNCTIONALIZATION



Prof. David Baker (UoA)

3D PRINTING LEAD



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PRODUCT DESIGN



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IWI ADVISOR



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SORPTION STUDIES



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FIELD-TRIALS



Dr Rupert Craggs (NIWA)

MATERIAL SCIENCE



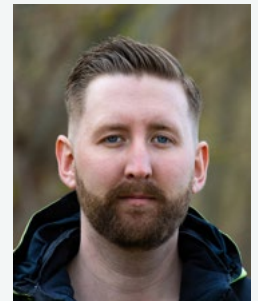
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Funded by:

SCIENCE FOR TECHNOLOGICAL INNOVATION

Kia kotahi mai – Te Ao Pūtaiao me Te Ao Hangarau

National Science Challenges

Researchers 2024

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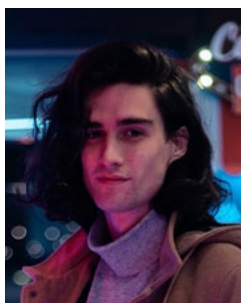
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MĀORI COORDINATOR



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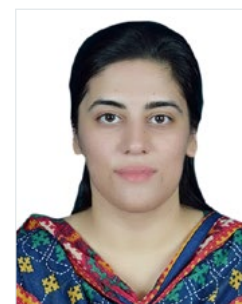
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